

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for identifying network traffic comprising:
 - receiving pattern matching data;
 - comparing the pattern matching data with a pattern each of a plurality of patterns; - for each pattern, determining whether the pattern matching data matches the pattern; and
 - for each pattern that the pattern matching data is determined to match, including a pattern match score corresponding to the pattern in an application protocol score associated with an application protocol with which the pattern is associated, wherein the application protocol comprises one of a plurality of application protocols and each pattern is associated with a corresponding one of the plurality of application protocols; and
 - ~~concluding based at least in part on a determination that the pattern matching data matches the pattern that a network traffic with which the pattern matching data is associated is associated with [[an]] a determined application protocol with which the pattern is associated that has a highest application protocol score among the plurality of application protocols.~~
2. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes application data.

3. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the pattern matching data matches the pattern, further including determining a property associated with the network traffic.
4. (Canceled)
5. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data and assigning a score for the property.
6. (Original) A method for identifying network traffic as recited in Claim 1, in the event that the data matches the pattern, further including determining a property associated with the data; and applying a policy based on the property.
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern matching data includes a string selected from a packet.
11. (Original) A method for identifying network traffic as recited in Claim 1, wherein pattern matching data includes concatenated application data of a plurality of packets.
12. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes a regular expression.
13. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes application protocol information.
14. (Original) A method for identifying network traffic as recited in Claim 1, wherein the pattern includes commonly used port information.

15. (Original) A method for identifying network traffic as recited in Claim 1, in the event the data does not match the pattern, further comprising returning a failure indicator.

16. (Original) A method for identifying network traffic as recited in Claim 1, wherein determining whether the pattern matching data matches the pattern occurs at the beginning of session.

17. (Original) A method for identifying network traffic as recited in Claim 1, wherein comparing the pattern matching data with a pattern is performed for each received data.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) A system for identifying network traffic comprising:

an interface configured to receive pattern matching data;

a processor configured to:

compare the pattern matching data with a pattern each of a plurality of patterns;

for each pattern, determine whether the pattern matching data matches the pattern; and

for each pattern that the pattern matching data is determined to match, include a pattern match score corresponding to the pattern in an application protocol score associated with an application protocol with which the pattern is associated, wherein the application protocol comprises one of a plurality of application protocols and each pattern is associated with a corresponding one of the plurality of application protocols; and

conclude based at least in part on a determination that the pattern matching data matches the pattern that a network traffic with which the pattern

matching data is associated is associated with [[an]] a determined application protocol ~~with which the pattern is associated~~ that has a highest application protocol score among the plurality of application protocols.

21. (Currently Amended) A computer program product for identifying network traffic, the computer program product being embodied in a computer readable medium and comprising computer instructions for:

receiving pattern matching data;

comparing the pattern matching data with ~~a pattern~~ each of a plurality of patterns;

for each pattern, determining whether the pattern matching data matches the pattern; ~~and~~

for each pattern that the pattern matching data is determined to match,
including a pattern match score corresponding to the pattern in an application protocol
score associated with an application protocol with which the pattern is associated,
wherein the application protocol comprises one of a plurality of application protocols and
each pattern is associated with a corresponding one of the plurality of application
protocols; and

~~concluding based at least in part on a determination that the pattern matching data matches the pattern~~ that a network traffic with which the pattern matching data is associated is associated with [[an]] a determined application protocol ~~with which the pattern is associated~~ that has a highest application protocol score among the plurality of application protocols.

22. (Canceled)